

SUBSTITUTE FOR FORM IPC/SB/08		ATTY DOCKET NO: ALBRECHTSEN=2	SERIAL NO: 10/567,365			
INFORMATION DISCLOSURE STATEMENT LIST OF DOCUMENTS CITED BY APPLICANT		FIRST INVENTOR: ALBRECHTSEN, Morten				
		FILING DATE: October 20, 2008				
		EXAMINER: Ballard, K.	CONF. NO: 2440			
U.S. PATENT DOCUMENTS (include at least patentee, patent/pub number and filing/issue/pub date)						
EXAM. INITIAL	ID	DOCUMENT NUMBER	FILING, ISSUE OR PUBLICATION DATE (MM-DD-YYYY)	PATENTEE OR APPLICANT	Relevant Passage(s)	T'
	AA	5,693,488	12-02-1997	FANG, et al.		
	AB	5,837,813	11-17-1998	RUOSLAHTI, et al.		
	AC	5,840,689	11-24-1998	DANILOFF, et al.		
	AD	6,313,265	11-06-2001	PHILLIPS, et al.		
	AI	6,576,607	06-10-2003	SCHACHNER		
	AI	6,749,850	06-15-2004	FINKELSTEIN, et al.		
	AC	7,167,819	01-23-2007	GIBSON, et al.		
	AI	7,504,490	03-17-2009	WEINSTOCK, et al.		
	AI	2009-0305951	12-10-2009	KISELYOV, et al.		
	AI	12/745,129	05-27-2010	BEREZIN, et al.		
FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)						
EXAM. INITIAL	ID	COUNTRY CODE & DOCUMENT NUMBER	PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICATION	Relevant Passage(s)	T'
	AK	WO 01/96364	12-20-2001	SAFFELL, Jane Louise		
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AL	Berezin, et al., "The neural cell adhesion molecule", <u>Current Opinion in Drug Discovery & Development</u> , vol. 3, pp. 605-609, 2000.		
AM	BRUSES, et al., "Roles, regulation, and mechanism of polysialic acid function during neural development", <u>Biochimie</u> , vol. 83, pp. 635-643, 2001.		
AN	CAMBON, et al., "Post-training administration of a synthetic peptide ligand of the neural cell adhesion molecule, C3d, attenuates long-term expression of contextual fear conditioning", <u>NEUROSCIENCE</u> , vol. 122, pp. 183-191, 2003.		
AO	CHAN, et al., "Identification, classification, and analysis of beta-bulges in proteins", <u>Protein Science</u> , vol. 2, pp. 1574-1589, 1993.		
AP	CREMER, et al., "NCAM is essential for axonal growth and fasciculation in the hippocampus", <u>Mol. Cell Neurosci.</u> , vol. 8, pp. 323-335, 1997.		
AQ	D'MELLO, et al., "Insulin-like growth factor and potassium depolarization maintain neuronal survival by distinct pathways: possible involvement of PI 3-kinase in IGF-1 signaling", <u>J. neurosci.</u> , vol. 17, pp. 1548-1560, 1997.		
AR	DANTZER, et al., "Modulation of social memory in male rats by neurohypophyseal peptides", <u>Psychopharmacology</u> , vol. 91, pp. 363-368, 1987.		
AS	DICKSON, et al., "Human Muscle Neural Cell Adhesion Molecule (N-CAM): Identification of a Muscle-Specific Sequence in the Extracellular Domain", <u>Cell</u> , vol. 50, pp. 1119-1130, September 25, 1987.		
AT	DTLEVSEN, et al., "The role of phosphatidylinositol 3-kinase in neural cell adhesion molecule-mediated neuronal differentiation and survival", <u>JOURNAL OF NEUROCHEMISTRY</u> , vol. 84, pp. 546-556, 2003.		
AU	DOHERTY, et al., "CAM-FGF Receptor Interactions: A Model for Axonal Growth", <u>Mol. Cell Neurosci.</u> , vol. 8, pp. 99-111, 1996.		
AV	DZHANDZHUGAZYAN, et al., "Demonstration of (Ca(2+)-Mg2+)-ATPase activity of the neural cell adhesion molecule", <u>FEBS Lett.</u> , vol. 336(2), pp. 279-83, December 27, 1993.		
AW	DZHANDZHUGAZYAN, et al., "Demonstration of an extracellular ATP-binding site in NCAM: functional implications of nucleotide binding", <u>Biochemistry</u> , vol. 36(49), pp. 15381-95, December 9, 1997.		
AX	EILERS, et al., "Role of the Jun kinase pathway in the regulation of c-Jun expression and apoptosis in sympathetic neurons", <u>J. Neurosci.</u> , vol. 18(5), pp. 1713-24, March 1, 1998.		
AY	ERIKSSON, et al., "Refinement of the structure of human basic fibroblast growth factor at 1.6 Å resolution and analysis of presumed heparin binding sites by selenate substitution", <u>Protein Sci.</u> , vol. 2(8), pp. 1274-84, August 1993.		
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AZ	FREI, et al., "Different Extracellular Domains of the Neural Cell Adhesion Molecule (N-CAM) Are Involved in Different Functions", <i>Journal of Cell Biology</i> , Rockefeller University Press, vol. 118, no. 1, pp. 177-194, July 1992.		
BB	FURKA, et al., "General method for rapid synthesis of multicomponent peptide mixtures", <i>Int J Pept Protein Res.</i> , vol. 37(6), pp. 487-93, June 1991.		
BB	HARTZ, et al., "A synthetic peptide ligand of NCAM affects exploratory behaviour and memory in rodents", <i>PHARMACOLOGY, BIOCHEMISTRY AND BEHAVIOR</i> , vol. 75, pp. 861-867, 2003.		
BF	HATTEN, et al., "In vitro neurite extension by granule neurons is dependent upon astroglial-derived fibroblast growth factor", <i>Dev Biol.</i> , vol. 125(2), pp. 280-9, February 1988.		
BD	HORSTKORTE, et al., "The fourth immunoglobulin-like domain of NCAM contains a carbohydrate recognition domain for oligomannosidic glycans implicated in association with L1 and neurite outgrowth", <i>J. Cell Biol.</i> , vol. 121(6), pp. 1409-21, June 1993.		
BB	HULLEY, et al., "L1 neural cell adhesion molecule is a survival factor for fetal dopaminergic neurons", <i>J Neurosci Res.</i> , vol. 53(2), pp. 129-34, July 15, 1998.		
BF	JENSEN, et al., "Structure and interactions of NCAM modules 1 and 2, basic elements in neural cell adhesion", <i>Nat Struct Biol.</i> , vol. 6, pp. 486-93, May 5, 1999.		
BF	JESSEN, et al., "Neural Cell Adhesion Molecule-Mediated Neurite Outgrowth Is Repressed by Overexpression of HES-1", <i>JOURNAL OF NEUROSCIENCE RESEARCH</i> , vol. 71, pp. 1-6, 2003.		
BH	JESSEN, et al., "The transcription factors CREB and c-Fos Play key roles in NCAM-mediated neuritogenesis in PC12-E2 cells", <i>Journal of Neurochemistry</i> , vol. 79, pp. 1149-1160, 2001.		
BF	KASPER, et al., "Structural basis of cell-cell adhesion by NCAM", <i>Nat Struct Biol.</i> , VOL. 7(5), PP. 389-93, May 2000.		
BJ	KASPER, et al., "Functional Characterization of NCAM Fibronectin Type III Domains: Demonstration of Modulatory Effects of the Proline-Rich Sequence Encoded by Alternatively Spliced Exons a and AAG", <i>Journal of Neuroscience Research</i> , vol. 46, pp. 173-186, 1999.		
BK	KISELYOV, et al., "The first immunoglobulin-like neural cell adhesion molecule (NCAM) domain is involved in double-reciprocal interaction with the second immunoglobulin-like NCAM domain and in heparin binding", <i>J Biol Chem.</i> , vol. 272(15), pp. 10125-34, April 11, 1997.		
BL	KISELYOV, et al. ABSTRACT, "Structure of the second fibronectin type III module of NCAM. Identification of a neuritogenic site" <i>European Journal of Neuroscience</i> , vol. 12, no. 11, 2000.		
BM	KLEMENTIEV, et al., "A neural cell adhesion molecule-derived peptide reduces neuropathological signs and cognitive impairment induced by Abeta(25-35)", <i>Neuroscience</i> , vol. 145, pp. 209-224, 2007.		
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BN	KLEMENTIEV, et al. "A peptide agonist of the neural cell adhesion molecule (NCAM), C3, protects against developmental defects induced by a teratogen pynmethamine", <u>Int. J. Devl Neuroscience</u> , vol. 20, pp. 527-536, 2002.		
BO	KOLKOVA, et al., "Neural Cell Adhesion Molecule-Stimulated Neurite Outgrowth Depends on Activation of Protein Kinase C and the Ras-Mitogen-Activated Protein Kinase Pathway", <u>The Journal of Neuroscience</u> , vol. 20(6), pp. 2238-2246, March 15, 2000.		
BP	LAM, et al., "A new type of synthetic peptide library for identifying ligand-binding activity", <u>nature</u> , vol. 354, pp. 82-84, November 7, 1991.		
BQ	MING, et al., "A fibronectin fragment inhibits tumor growth, angiogenesis, and metastasis", <u>PNAS</u> , VOL. 98, NO. 2, PP. 620-624, January 16, 2001.		
BR	PEDERSEN, et al., "Neuritogenic and Survival-Promoting Effects of the P2 Peptide Derived From a Homophilic Binding Site in the Neural Cell Adhesion Molecule", <u>JOURNAL OF Neuroscience Research</u> , vol. 75, pp. 55-65, 2004.		
BS	RANHEIM, et al., "Homophilic adhesion mediated by the neural cell adhesion molecule involves multiple immunoglobulin domains", <u>Proc Natl Acad Sci USA</u> , vol. 93(9), pp. 4071-5, April 30, 1996.		
BT	RAO, et al., "Identification of a peptide sequence involved in homophilic binding in the neural cell adhesion molecule", <u>J Cell Biol</u> , vol. 118(4), pp. 937-49, August 1992.		
BU	RAO, et al., "Mechanism of homophilic binding mediated by the neural cell adhesion molecule NCAM. Evidence for isologous interaction", <u>J Biol Chem</u> , vol. 269(44), pp. 27540-8, November 4, 1994.		
BV	Retzler, et al., "Analysis of neurcan structures interacting with the neural cell adhesion molecule N-CAM", <u>J Biol Chem</u> , 271(44):27304-10, Nov. 1, 1996.		
BW	RONN, et al., "NCAM-antibodies modulate induction of long-term potentiation in rat hippocampal CA1", <u>Brain Res</u> , vol. 677(1), pp. 145-51, April 17, 1995.		
BX	RØNN et al., "Characterization of a novel NCAM ligand with a stimulatory effect on neurite outgrowth identified by screening a combinatorial peptide library", <u>European Journal of neuroscience</u> , vol. 16, pp. 1720-1730, 2002.		
BY	RØNN et al., "Increased intracellular calcium is required for neurite outgrowth induced by a synthetic peptide ligand of NCAM", <u>FEBS Letters</u> , vol. 519, pp. 60-66, 2002.		
BZ	RØNN et al., "Neurite Outgrowth Induced by a Synthetic Peptide Ligand of Neural Cell Adhesion Molecule Requires Fibroblast Growth Factor Receptor Activation", <u>Journal of Neurochemistry</u> , vol. 75, pp. 665-671, 2000.		
CA	ROUGON, et al., "New insights into the diversity and function of neuronal immunoglobulin superfamily molecules", <u>Annu Rev Neurosci</u> , vol. 26, pp. 207-238, 2003.		
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CB	SECHER, et al., "A neural cell adhesion molecule-derived fibroblast growth factor receptor agonist, the FGL-peptide, promotes early postnatal sensorimotor development and enhances social memory retention", <i>Neuroscience</i> , vol. 141, pp. 1289-1299, 2006.		
CC	SIBANDA, et al., "A systematic classification with applications to modeling by homology, electron density fitting and protein engineering", <i>J mol biol</i> , vol. 206(4), pp. 759-77, April 20, 1989.		
CD	SKAPER, et al., "Neurotrophins rescue cerebellar granule neurons from oxidative stress-mediated apoptotic death: selective involvement of phosphatidylinositol 3-kinase and the mitogen-activated protein kinase pathway", <i>J Neurochem</i> , vol. 70(5), pp. 1859-65, May 1996.		
CD	SKLADCHIKOVA, et al., "Extracellular adenosine triphosphate affects neural cell adhesion molecule (NCAM)-mediated cell adhesion and neurite outgrowth", <i>J Neurosci Res</i> , vol. 57(2), pp. 207-18, July 15, 1999.		
CH	SOROKA, et al., "Structure and Interactions of NCAM IgI-2-3 Suggest a Novel Zipper Mechanism for Homophilic Adhesion", <i>STRUCTURE</i> , vol. 10, pp. 1291-1301, October 2003.		
CG	SOROKA, et al., "Induction of Neuronal Differentiation by a Peptide Corresponding to the Homophilic Binding Site of the second Ig Module of the Neural Cell Adhesion Molecule", <i>The Journal of Biological Chemistry</i> , vol. 277, no. 27, pp. 24676-24683, Issue of July 5, 2002		
CH	VAN KAMPEN, et al., "AR-R 17779 improves social recognition in rats by activation of nicotinic alpha7 receptors", <i>Psychopharmacology</i> , vol. 172, pp. 375-383, 2004.		
CI	VILLALBA, et al., "Pituitary adenylate cyclase-activating polypeptide (PACAP-38) protects cerebellar granule neurons from apoptosis by activating the mitogen-activated protein kinase (MAP kinase) pathway", <i>J Neurosci</i> , vol. 17(1), pp. 83-90, January 1, 1997		
CJ	WALMOD, et al., "Zippers make signals: NCAM-mediated molecular interactions and signal transduction", <i>Neurochem Res</i> , vol. 29, pp. 2015-2035, 2004.		
CK	WILMOT, et al., "Beta-turns and their distortions: a proposed new nomenclature", <i>Protein Eng</i> , vol. 3(6), pp. 479-93, May 1990.		
CH	YAO, et al., "Requirement for phosphatidylinositol-3 kinase in the prevention of apoptosis by nerve growth factor", <i>SCIENCE</i> , vol. 267(5206), pp. 2003-6, March 31, 1995.		
CM	Berezin, Preliminary Amendment, on Application of Berezin, U.S. Serial No. 12/745,129, filed November 16, 2010.		
CN	Kiselyov, Amendment, on Application of Kiselyov, U.S. Serial No. 12/435,043, filed December 16, 2010.		
CO	USPTO, Final Rejection, on Application of Kiselyov, U.S. Serial No. 12/435,043, mailed September 16, 2010.		
CP	Kiselyov, Amendment, on Application of Kiselyov, U.S. Serial No. 12/435,043, filed June 23, 2010.		
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